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ABSTRACT

The 26 items in this annotated bibliography deal with environmental education, educational programs, decision-making, operational problems, communications, research methods, and systems techniques, all related to planning processes. Each entry identifies the author, title of the publication, publisher, and data and concludes with one paragraph annotation. (BL)

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A BASIC READING LIST ON STATE ENVIRONMENTAL EDUCATION PLANNING PROCESSES AND PROBLEMS[1]

Backstrom, Charles H. and Hursh, Gerald D. Survey Research. Illinois: Northwestern University Press, 1963.
A how-to-do-it book. Presents the steps to carrying out a survey from start to finish. No other references are needed. Written for the layman unfamiliar with research techniques. Highly recommended for conducting environmental education surveys among general publics.

Bennis, Warren G.; Benne, Kenneth D.; and Chin, Robert (eds). The Planning of Change. 2d ed. New York: Holt, Rinehart and Winston, 1969.
The most comprehensive work on planned change--its roots, essential elements, dynamics, strategies, values and goals. A basic reference for the professional educational planner.

Braybrooke, David and Lindblom, Charles E. A Strategy of Decision: Policy Evaluation As A Social Process. New York: Free Press, 1970.
This book explores and explains some striking discrepancies between how some governmental decisions are believed to be made and the reality of the situation. A must for citizens unfamiliar with the realities of governmental decision-making.

Churchman, C. West. The Systems Approach. New York: Dell Publishing, 1968.
For the layman, this is an ideal introduction to the systems approach to planning. The book is especially applicable to environmental education planning. Not only are specific examples of good planning given, but many of the value issues associated with planning are also discussed. This book is a must for planning directors and recommended for citizen advisory groups.

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[1]Prepared by B. Ray Horn (Planning Coordinator/Executive Director, Governor's Environmental Education Task Force, Executive Office of the Governor, State of Michigan) for the participants of the national conference on Environmental Education Master Planning, Estes Park, Colorado, May, 1973.

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Commission on Educational Planning. Educational Goals and Objectives: A Model Program for Community Involvement. Bloomington, Indiana: Phi Delta Kappa, Commission on Educational Planning, 1972.
This excellent model is a must for educational planners. Phi Delta Kappa is now in the process of disseminating the model nationally through 17 affiliated institutions. Highly recommended.

Committee on State Planning, "State Planning: Its Function and Organization," The Journal of American Institute of Planners, Vol. 25, No. 4 (November, 1959), pp. 207-16.
Since environmental education planning is one facet of overall state planning, the function of state planning as a whole must be understood. This article helps the environmental education planner see, understand, and work with the larger planning system of a state. Recommended for the beginning student of state planning.

Friend, J.K. and Jessop, W.N. Local Government and Strategic Choice. Beverly Hills, California: Sage, 1969.
See especially Chapters 5-7 (pp. 101-35). They lay out very clearly the nature of planning, operational problems of the planning process, and planning in its organization context. Various planning models are discussed. Highly recommended for planning directors and citizen advisory groups.

Horn, B. Ray, "The Group Dynamics of Eco-Action: Group Processes And Barriers to Decision-Making in Environmental Education, A Review of Related Literature," Journal of Environmental Education, Vol. 3, No. 1 (fall, 1971), pp. 35-42.
A proper study of decision-making begins with the individuals who comprise the decision-making group--and their values, attitudes, perceptions, fears, and aspirations. This research report discusses group dynamics from a number of perspectives: theoretical, interpersonal communications, maintenance and formation of a decision-making group, and decision-making productivity. Recommended to the professional planner.

Horn, B. Ray, "Long-Range Educational Planning and The Environment: A Rationale for A State Environmental Education Plan in Michigan." Lansing, Michigan: Executive Office of the Governor, Governor's Environmental Education Task Force, 1972. (Mimeographed.)

An address given at the Michigan Environmental Education Association's Fifth State Conference. The paper places environmental education into the context of preparing for the future, planning for the yet unknown, and integrating the formal and nonformal dimensions of environmental education. The paper is based on a review of literature related to "change."

Horn, B. Ray, "Perspectives for Developing a State Master Plan," Journal of Environmental Education, Vol. 3, No. 2 (winter, 1971), pp. 20-22.

This article gives an overview of what a state environmental education plan includes. Written for the layman, the article emphasizes the scope of environmental education planning and encourages modern perspectives of planning and evaluation.

Hughes, Charles L. Goal Setting: Key to Individual and Organizational Effectiveness. New York: American Management Association, 1965.

This book presents in detail the value of careful and explicit goal setting. The validity of goals can determine the success or failure of planning efforts. Details on how to integrate personal and institutional goals are given. Recommended for the professional planner and interested layman.

Jordan, Douglas, "Guidelines for Environmental Education Planning in Wisconsin," Madison, Wisconsin: University of Wisconsin--Madison, Center for Environmental Communications and Education Studies, 1971. (Draft copy, mimeographed.)

An excellent and useful booklet to the environmental education planner unfamiliar with the application of systems techniques to environmental education planning. The booklet presents enough detail to be a step-by-step guide. Highly recommended.

Lee, Irving J. How To Talk With People: A Program For Preventing Troubles That Come When People Talk Together. New York: Harper and Row, 1952.

This is an essential guide for the improvement of communication in committees. The book, written in a popular style, is the result of research with over 200 actual boards and committees. A must for committee chairpersons.

Lehman, Henry. "The Systems Approach to Education," in Kapfer, Miriam R. Behavioral Objectives in Curriculum Development. Englewood Cliffs, New Jersey: Educational Technology Publications, 1971.

Lehman compares the systems approach to the scientific method and shows how systems can be developed to solve educational problems. He gives evidence of the relevance and usefulness of the systems approach to education. Recommended for educators unfamiliar with the systems approach.

May, Judith V. "Citizen Participation: A Review of the Literature," Monticello, Illinois: Council of Planning Librarians, E.B. #210-11, 1971. (Mimeographed.)

A detailed study of the citizen's role in political and administrative decision-making. Discusses two determinants of participation: motivation and capability. A must for the planning professional.

Michael, Donald N. On The Social Psychology of Learning to Plan--And Planning to Learn. Ann Arbor, Michigan: Center for Research on the Utilization of Scientific Knowledge, Institute for Social Research, 1972. (Mimeographed. Forthcoming in print.)

A basic work on the problems people have upon thinking about the future. As this book becomes widely distributed, it may well become the center of discussion among educational planners. Highly recommended.

Morris, Robert and Binstock, Robert H. Feasible Planning for Social Change. New York: Columbia University Press, 1966.

This book presents a useful view of planning as it is conducted by professional personnel of governmental and private organizations at most societal levels. Planning is viewed as a problem-solving process. The authors distinguish among various types of social planning, including educational planning,

and discuss goal development, organizational resistances and how to overcome them, goal evaluation--and they give real-life examples. The book is readible by both the planning professional and layman. Highly recommended.

Rettie, Dwight F., "Plans Don't Work; People Do," in Driver, B.L. (ed.). Elements of Outdoor Recreation Planning. Ann Arbor, Michigan: University Microfilms, 1970, pp. 299-307.

This article attempts to clarify some basic misperceptions which citizen committees and others have about the functions of a plan. "Plans are not decisions--although some plans make the mistake of flying under false colors on this score." (p. 299). Plans must be linked to budgetary processes and be sensitive to political realities. This article should be read by all planning committees.

Rogers, Everett M. and Schoemaker, F. Floyd. Communication of Innovations: A Cross-Cultural Approach. 2d ed. New York: Free Press, 1971.

How do innovations, defined as ideas, products, and practices perceived as new by an individual, diffuse to the members of a social system? How do the attributes of a new idea, such as its compatibility or complexity, affect its rate of adoption? The authors answer these questions and others in 103 generalizations about diffusion of innovations--such as environmental education. A must for the environmental education planners.

Sandman, Peter M. "Mass Environmental Education: Can Media Do The Job?" Ann Arbor, Michigan: University of Michigan, School of Natural Resources, 1973. (Mimeographed.)

Offers specific guidelines for dealing with the mass media. Discusses the advertising model of public persuasion and contrasts it to the conventional rational model. A must for the professional environmental education planner.

Science Research Associates. Youth Power: A Report on the Involvement of Youth in Community Improvement. New York: National Youth Conference on Beauty and Conservation, 1968.

The role of youth in the planning process has been long neglected. This report--prepared for the layman--can serve as an introduction to the role of youth in state planning processes.

Smith, Herbert H. The Citizen's Guide To Planning. West Trenton, New Jersey: Chandler-Davis, 1961.
A complete overview of what planning is about and how it's done. Although it does not deal adequately with educational planning, the basic concepts discussed are nevertheless valid. Written for the professional and layman. Excellent guide for citizen action groups.

Sorenson, Roy. How To Be A Board or Committee Member. New York: Association Press, 1953.
Written for the lay member of a citizen advisory group. A copy should be given to each member to help him understand how committees function. It discusses the relationship between such groups and their executive directors. An excellent guide.

Stapp, William B. "The Challenge of Environmental Education," Lansing, Michigan: Executive Office of the Governor, Governor's Environmental Education Task Force, 1972. (Mimeographed.)
The paper places environmental education planning into a historical context, and discusses the role of business, government, mass media, etc. in state planning. An overview of Michigan's planning efforts are given. A must for all groups.

Stapp, William B. "An Instructional Program Approach to Environmental Education (K-12)--Based on An Action Model," Ann Arbor, Michigan: University of Michigan, School of Natural Resources, 1973. (Mimeographed.)
Discusses the major constraints to developing, implementing, and evaluating K-12 programs in environmental education. Shows a systematic approach to planning. Excellent resource. Highly recommended.

Woock, Gene A., "State Planning for Environmental Education," Madison, Wisconsin: University of Wisconsin--Madison, Center for Environmental Communications and Education Studies, 1971. (Mimeographed.)
This small booklet is the companion to Douglas Jordan's "Guidelines for Environmental Education Planning in Wisconsin" (1971). Woock's paper represents the application of systems planning theory to environmental education planning in Wisconsin. He also discusses the Federal Environmental Education Act (P.L. 91-516) and the plans of New Jersey and Illinois. Highly recommended.